

p47 phox (Ab-345) Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50679

Specification

p47 phox (Ab-345) Antibody - Product Information

Application	WB
Primary Accession	P14598
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45 31 KDa
Antigen Region	330-356

p47 phox (Ab-345) Antibody - Additional Information

Gene ID 653361

Other Names

Neutrophil cytosol factor 1, NCF-1, 47 kDa autosomal chronic granulomatous disease protein, 47 kDa neutrophil oxidase factor, NCF-47K, Neutrophil NADPH oxidase factor 1, Nox organizer 2, Nox-organizing protein 2, SH3 and PX domain-containing protein 1A, p47-phox, NCF1, NOXO2, SH3PXD1A

Dilution

WB~~1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

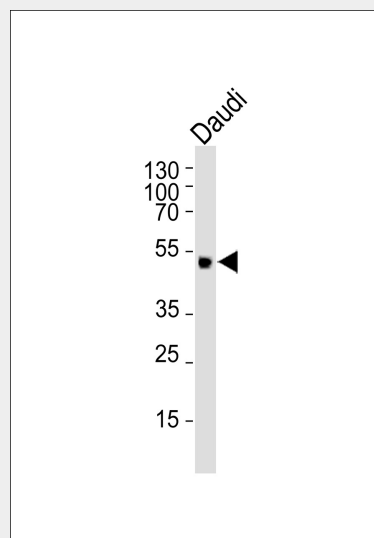
p47 phox (Ab-345) Antibody - Protein Information

Name NCF1

Synonyms NOXO2, SH3PXD1A

Function

NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation



Western blot analysis of lysate from Daudi cell line, using p47 phox (Ab-345) Antibody (AP50679). AP50679 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

p47 phox (Ab-345) Antibody - Background

NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

p47 phox (Ab-345) Antibody - References

Volpp B.D., et al. Proc. Natl. Acad. Sci. U.S.A. 86:7195-7199(1989).
Volpp B.D., et al. Proc. Natl. Acad. Sci. U.S.A. 86:9563-9563(1989).
Lomax K.J., et al. Science 245:409-412(1989).
Rodaway A.R.F., et al. Mol. Cell. Biol. 10:5388-5396(1990).
Gorlach A., et al. J. Clin. Invest. 100:1907-1918(1997).

of the latent NADPH oxidase (necessary for superoxide production).

Cellular Location

Cytoplasm, cytosol. Membrane; Peripheral membrane protein; Cytoplasmic side

Tissue Location

Detected in peripheral blood monocytes and neutrophils (at protein level).

p47 phox (Ab-345) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)